Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 14 Sep 2020 until 23:59 on Tuesday 15 Sep 2020

Forecast Issued on Sunday 13 Sep 2020 at 15:08

Confidence: High for the main story, the main uncertain being the timing of any mist, fog and low cloud.

Headline for Monday 14 Sep 2020: Dry and brightening up through the day.

Mountain weather hazards on Monday 14 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Monday 14 Sep 2020

Weather: Fairly cloudy at the start of the day, with low cloud covering much of the Park and generating patches of hill Any low cloud will clear away during the morning though, followed by a largely sunny day with very little cloud expected by the afternoon. Feeling rather warm, especially in the valleys.

Chance of cloud free mountain/hill tops above 600m: 10-20% initially, with areas of cloud between 300-500m, but becoming 90% or more from mid-morning onwards.

Visibility: Neighbouring hills are likely to be obscured by low cloud at first but visibility becoming very good later, with distant hills clearly visible.

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Forecast for Monday 14 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	14/19 SW	12/16 SW	9/13 SW	9/13 SW	6/9 S	6/9 SE	7/12 SE	6/11 SE
300	5/16 SW	5/14 SW	2/10 SW	3/8 S	5/9 S	4/8 S	3/7 SE	4/10 E	4/9 E
Valley	3/13 SW	3/12 SW	2/9 SW	2/6 S	2/6 SW	2/5 SW	4/7 E	5/12 E	6/12 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	10/8	13/12	16/15	18/17	17/16	16/14	15/14
300	12/11	12/11	11/10	15/15	19/19	20/20	17/17	15/15	14/14
Valley	13/13	13/13	13/13	15/16	19/20	21/22	18/18	16/16	17/16
Freezing Level*	2800m	2600m	2900m	3300m	3500m	3300m	3000m	2800m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The wind will drop out during the afternoon, even at height, exacerbating the warm feeling in any sunny spell.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 13 Sep 2020	0mm	6mm	6mm

Forecast for Tuesday 15 Sep 2020

Weather: A cloudier day than Monday but still feeling warm with bright or sunny spells. A few isolated showers are to be expected, these more likely during the evening, although it'll remain dry on most routes.

Maximum wind: Gentle to moderate south-easterly, with gusts 20mph.

Chance of cloud free mountain/hill tops above 600m: 80% at first, with areas of low cloud (down to 100-300m) likely in the east, though becoming 95% from mid-morning. Reducing to 60% after dusk, as low cloud is expected to develop from the southwest.

Visibility: Not as good as Monday, with distant hills often difficult to see clearly, particularly early and late.

Temperature: **Valleys:** Plus 12 Celsius becoming Plus 23 Celsius
At 600m: Plus 08 Celsius becoming Plus 17 Celsius
Freezing level: Above the summits

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